	Approved For Release 2002/10	0/30 : CIA-RDP81B00879R001000070096 3	3		
	REFER TO: WLO-273-61	Copy 5 Page 1 of 1			
	DATE: 12 December 1961				
25X1A	TO:		100		
	SUBJECT: Calibration Standards				
25X1A	References: (1) WLO-157-61 Calib 17 March 1961 (2) Letter 20 November 1961				
	Gentlemen:				
25X1A 25X1A	by AFCS personnel and the cal	instrumentation that will be used libration period for each. Also, attached of equipment to perform meter calibration	25X1A		
25X1A	We have assumed that facilities for meter calibration and repair would be available This has been considered in arriving at the quantity of instrumentation required.				
	Table II contains a list of equipment necessary to establish primary and secondary standards for AC/DC voltage and current, frequency, and phase angle. The list of equipment suggested by has been reviewed 25X1A and the additional equipment required has been noted.				
	If there is any question regarding call us or contact our local repre	this information, please feel free to sentatives.			
			25X1A		
		Project Engineer /	25X1A		
		Senior Account Administrator			
	RLD:dll	DOCUMENT NO. NO GHADDE IN CLASS. LI			
	Attachments: Tables I and II	CHASS CHANGED TO: TS S COOK REST HE VIEW DATE: AHTH HE 70-2 HATE: 1000 REVIEWER:	25X1		

Approved For Release 2002/10/30 : CIA-RDP81B00879R001000070096-3

WLO-273-61

Table I

Cuantity	Item	Calibration Required	
l,	Multimeters (Simpson 260 or equivalent)	6 months	
- 2	Oscilloscopes (Tektronix & Dumont) (3%)	3 months	
1	Servoscope 1100D	3 months	
2	VTVM Hewlett Packard 400H or equivalent (1,5)	3 months	
2	VTVM Hewlett Packard 412A or equivalent (1%)	3 months	
1	Phase Angle Leter (North Atlantic) (23)	3 months	
1	Sanborn Recorder and Plug Ins (5%)	3 months	
1	Theatstone Bridge	8 months	
3	Variacs (Operational check only)	12 months	
1	Rate Table (Operational check only)	6 months	
1	Pressure Station (Cleaning and operational check only)	1 month	
1	Frequency Meter 400~	6 months	
7	North Atlantic Natio Box 504	12 months	
1	Tube Tester (Operational check only)	12 months	

Approved For Release 2002/10/30 : CIA-RDP81B00879R001000070096-3

WLO-273-61

Table II

DC Volta	Estimated Cost							
1 1	Fluke Rubicon	Model 406	DC Power Potentiometer	∛ 300				
i	Rubicon	Fodel 2797	Volt Box	700				
i	Rubicon	Model 3111	Galvanometer	235 150				
3	Rubicon	Model 2775	Standard Cells	100				
			Storage Battery	36				
AC Voltage Calibration								
1	Rubicon	Model 393	AC/DC Transfer Standard	650				
1	Hewlett- Packard	Mcdel 200CD	Wide Range Oscillator	200				
1	McIntosh	Model 60	Modified Power Amplifier	275				
¥ #1	Sorenson #		Regulator					
AC/DC Secondary Standard								
1	Fluke	Model 803	Differential Voltmeter	900				
Frequency Calibration (MWV) Communications								
			Receiver					
1	Berkeley	Model 7370	Eput Meter	2,000				
Current Standards								
##1ea.	ROSA NBS Type	Standard Resisto	rs 1.1., 10.1., 100.1., 1K-1	45 ea.				
## 1	REICHSANSTALT	type Resistor	0.1_1_	100				
Phase Angle								
stor 4	Low Dissipation	on 。001 uf Capac	itor	50				

*Needed if AC power is not stable ***Indicates equipment not contained in Reference #2.